

TECHNICAL DATA SHEET

Food swab *Listeria* spp.

code 200181

| code | presentation | tube dimensions (mm) | quantity/case | weight/case (gr) | volume/case (m ³) |
|--------|--|----------------------|---------------|------------------|-------------------------------|
| 200181 | 1 tube + 1 swab with viscose peel, wrapped by PP bag | 12 x 165 | 25 packs | 330 | 0.0027 |

DESCRIPTION

Swab with culture medium and growth indicator for the detection of *Listeria* spp. directly from surfaces.

Culture medium incorporates a pH indicator to indicate biological activity, by changing the color of the medium that is easily visible. With $2,5 \pm 2$ ml agar.

Shelf life 12 months. Storage 10-25°C. Composition: differential medium.

TECHNIQUE

1. Remove the sterile swab from inside the bag.
2. Wet the tip of the swab by immersing it in sterile physiological solution.
3. Drain excess liquid by resting the tip of the swab against the wall of the tube.
4. Rub the swab on a surface (10 x 10 cm²) horizontally and vertically.
5. Introduce the swab into the tube containing the culture medium.
6. Close the tube and write the date and place of sampling.
7. Incubate at 37°C for 18-24 hours.
8. Observe the change in color of the medium and interpret the result:
 - Yellow media: Absence of *Listeria* spp.
 - Black media: Presence of *Listeria* spp.

Each laboratory must evaluate the results according to their specifications.

QUALITY CONTROL

Physical/Chemical control

Color : Yellowish

pH: 7.0 ± 0.2 at 25°C

Microbiological control

Inoculate: Practical range 10-50 CFU.

Aerobiosis. Incubation at $37 \pm 1^\circ\text{C}$, reading after 18-24 h



| WRITTEN | VERIFIED | AUTHORISED |
|--|---|--|
| Pascal Montoya Brand & Communication Department | Anna Mir Technical, RA, Quality & Environment Director | Mònica Torras Commercial Integration Director |

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Microorganism

Escherichia coli ATCC® 25922, WDCM 00013
Enterococcus faecalis ATCC® 19433, WDCM 00009
L. monocytogenes ATCC® 35152, WDCM 00109
Listeria innocua ATCC® 33090, WDCM 00017

Growth

Inhibited
Inhibited
Good
Good

Medium color

Yellow
Yellow
Black
Black

Sterility control

Incubation 48 h at 30-35 °C and 48 h at 20-25 °C: NO GROWTH.
Check at 7 days after incubation in same conditions.

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